

CLAIM AMENDMENTS

1-10. (cancelled)

11. (Currently amended) A locking device disposed within a door operator of a passenger transit vehicle door system for locking a door hanger of such transit vehicle door system in a fully locked position, said door hanger attached to a door of such transit vehicle, said locking device further unlocking ~~at least one~~ said door hanger of such transit vehicle door system from said fully locked position, said locking device comprising:

(a) a lock bar disposed within said door hanger, said lock bar having ~~a~~ at least one locking cavity;

(b) a lock shaft disposed within said locking device;

(c) a lock actuator rotatably attached ~~to~~ on said lock shaft for enabling rotation of said lock shaft;

(d) a lock lever attached to said lock shaft for engagement with said locking cavity for maintaining said door hanger in a said fully locked position, said lock lever movable into an unlock position enabled by said lock actuator; and

(e) a lock latch mechanism disposed within ~~a door lock mechanism of a~~ such passenger transit door system for maintaining ~~an unlocking~~ said lock lever in an said unlock position and for enabling movement of said door hanger in an opening direction, said lock latch mechanism enabling engagement

of said lock lever with said locking cavity upon movement of said door hanger in said closing direction, and

~~(f) a manual release lever connected to said lock shaft for rotating said lock shaft into an said unlock position upon manual actuation, said manual release lever further rotating said lock lever from such lock position into such unlock position.~~

12. (Currently amended) A locking device, according to claim 11, wherein said lock latch mechanism enables removal of power from said lock actuator upon rotation of said lock lever from ~~such lock~~ said fully locked position into ~~such~~ said unlock position.

13. (Currently amended) A locking device, according to claim 11, wherein said lock latch mechanism enables removal of power from said lock actuator prior to enabling a prime mover disposed within said door operator for opening ~~a first~~ said door attached to said door hanger.

14. (Currently amended) A locking device, according to claim 11, wherein said lock lever is mounted about said lock shaft so that gravity tends to move it into ~~such locking~~ said fully locked position.

15. (Original) A locking device, according to claim 11, wherein said actuator is a solenoid.

16. (Currently amended) A locking device, according to claim 15, wherein said solenoid is a non-continuous duty type providing more power to move said lock lever from ~~such lock~~ said fully locked position into ~~such~~ said unlock position.

17. (Original) A locking device, according to claim 11, wherein said actuator is a pneumatic cylinder.

18. (Original) A locking device, according to claim 11, wherein said actuator is a hydraulic cylinder.

19. (Currently amended) A locking device disposed within a door operator of a passenger transit vehicle door system for locking a first door hanger of such transit vehicle door system in a fully locked position, said first door hanger attached to a first door of such transit vehicle, said locking device further locking a second door hanger of such transit vehicle door system in a said fully locked position, said second door hanger attached to a second door of such transit vehicle, said locking device further for unlocking said first door hanger and said

second door hanger of such transit vehicle door system from said fully locked position, said locking device comprising:

(a) a lock shaft disposed within said locking device;
~~(b) a lock lever pivotably attached to said lock shaft;~~
~~(c)~~ (b) a first lock bar disposed within said first door hanger, said first lock bar having a first lock cavity ~~for engagement with said lock lever;~~

~~(d)~~ (c) a second lock bar disposed within said second door hanger, said second lock bar having a second lock cavity ~~for engagement with said lock lever;~~

~~(b)~~ (d) a lock lever pivotably attached ~~to~~ on said lock shaft, said lock lever engaging said first lock cavity and said second lock cavity in said fully locked position;

(e) a lock actuator pivotably attached to said lock shaft for enabling said lock lever to move from ~~such locking~~ said fully locked position to ~~such~~ an unlock ~~unlocking~~ position; and

(f) a lock latch mechanism disposed within ~~said locking device of a~~ such passenger transit door system for maintaining ~~an unlocking~~ said lock lever in an said unlock position and for enabling movement of said first door hanger in a first opening direction and said second door hanger in a second opening direction, said lock latch mechanism enabling engagement of said lock lever with said first lock cavity and said second lock cavity in said fully locked position upon movement of said first

door hanger in a first closing direction and said second door hanger in a second closing direction, and

~~(g) a manual release lever connected to said lock shaft for rotating said lock shaft into an said unlock position upon manual actuation and for rotating said lock lever from such lock position into such unlock position.~~

20. (New) A locking device, according to claim 11, wherein said locking device further includes a manual release lever connected to said lock shaft for manually rotating said lock shaft from said fully locked position into said unlock position and for enabling said lock latch mechanism to maintain said lock lever in said unlocked position for manually moving said door in said opening direction.

21. (New) A locking device, according to claim 19, wherein said locking device further includes a manual release lever connected to said lock shaft for manually rotating said lock shaft from said fully locked position into said unlock position and for enabling said lock latch mechanism to maintain said lock lever in said unlocked position for manually moving said first door in said first opening direction and said second door in said second opening direction.